

Remarks/Arguments:

The above Amendments and these Remarks are in reply to the Office Action mailed February 6, 2007.

Claims 1-77 were pending in the Application prior to the outstanding Office Action. Claims 1-77 were rejected by the Examiner.

Claims 33 and 44 are objected to because of the informalities: Claims 33 and 44 have been amended to avoid the antecedent basis problem.

Claim 71 is rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter. Claim 71 has been canceled without prejudice.

Claims 1, 2, 4, 5, 8-13, 15-19, 22-26, 28-31, 33, 36-40, 42-45, 47, 50-54, 56-60, 63-67 and 69-71 are rejected under 35 U.S.C. 102(b) as being anticipated by Robertson et al (US 5,295,243).

Claims 3, 6, 7, 14, 20, 21, 27, 32, 34, 35, 41, 46, 48, 49, 55, 61, 62, and 68 are rejected under 35 U.S.C. 103(a) as being unpatentable over Robertson in view of Anuff et al., 6,327,628.

The applicant respectfully traverses this rejection.

Claim 1 reads as follows:

1. A method for building a representation of a graphical user interface (GUI), comprising:
generating a class;
generating a first representation of the GUI, wherein the class can produce a second representation GUI based on the first representation;
generating a second representation of the GUI from the class, wherein the second representation includes at least one control; and
wherein the first representation can include at least one of: hierarchical relationships among controls, control properties, and control event information.

Robertson does not describe or make obvious such a system. In particular, Robertson does not use a class to do the claimed functions. Element 180 of Figure 7 of Robertson is a data item not a class.

For this reason, claim 1 and dependent claims 2-16 are believed to be allowable.

Claims 17 and 58 read as follows:

17. A method for building a representation of a graphical user interface (GUI), comprising:
generating a representation of the GUI from metadata, wherein the representation includes at least one control;
driving the representation through at least one lifecycle stage by an interchangeable lifecycle component;
wherein the metadata can include at least one of: hierarchical relationships among controls, control properties, and control event information; and
wherein the representation can be driven through the at least one lifecycle stage by an interchangeable lifecycle component.
58. A machine readable medium having instructions stored thereon that when executed by a processor cause a system to:
generate a representation of a graphical user interface (GUI) from metadata, wherein the representation includes at least one control;
drive the representation through at least one lifecycle stage by an interchangeable lifecycle component;
wherein the metadata can include at least one of: hierarchical relationships among controls, control properties, and control event information; and
wherein the representation can be driven through the at least one lifecycle stage by an interchangeable lifecycle component.

These claims include the limitation of “driving the representation through at least one lifecycle stage by an interchangeable lifecycle component”. This is not shown or made obvious in the prior art. A processor can not be considered to be an interchangeable lifecycle component as claimed. Interchangeable lifecycle components of one embodiment are described in

paragraph [056] of the present invention specification. Interchangeable lifecycle components allow for different lifecycle components to be used as needed to control the lifecycle of the representation.

For these reasons, Claims 17 and 58 are believed to be allowable.

Claim 30 and 44 read as follows:

30. A system for building a representation of a graphical user interface (GUI), comprising:
a first component operable to produce a second component and a metadata representation of the GUI;

the second component operable to produce a hierarchical representation of the GUI based on the metadata, wherein the representation includes at least one control;

wherein the metadata can include at least one of: hierarchical relationships among controls, control properties, and control event information; and

wherein the representation can be driven through at least one lifecycle stage by an interchangeable lifecycle component.

44. A system comprising:

a means for generating a first representation of a graphical user interface (GUI);
a means for generating a second representation of the GUI from the first representation, wherein the second representation includes at least one control;

wherein [[the]] metadata can include at least one of hierarchical relationships among controls, control properties, and control event information; and

wherein the second representation can be driven through at least one lifecycle stage by an interchangeable lifecycle component.

Claims 30 and 44 include an interchangeable lifecycle component that is not shown or made obvious by Robertson. For this reason, claims 30 and 44 as well as dependent claims 31-43 and 45-57 are believed to be allowable.

Reconsideration of the rejections is requested.

In light of the above, it is respectfully submitted that all of the claims now pending in the subject patent application should be allowable, and a Notice of Allowance is requested. The Examiner is respectfully requested to telephone the undersigned if he can assist in any way in expediting issuance of a patent.

The Commissioner is authorized to charge any underpayment or credit any overpayment to Deposit Account No. 06-1325 for any matter in connection with this response, including any fee for extension of time, which may be required.

Respectfully submitted,

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